



## CLARK COUNTY FIRE DEPARTMENT - FIRE PREVENTION BUREAU

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### Permit Submittal Guideline

## **TRAFFIC CALMING DEVICES**

Common devices for encouraging drivers to slow their speeds and thereby reducing the risk of collisions with pedestrians are speed bumps, speed humps and rumble strips. These are regulated on private fire access routes since they affect fire department operations. Traffic calming devices are not permitted on any public roadway in Clark County but may be installed on private fire access routes under this permit type. A permit is required per section 105.6.12 of the IFC.

### **APPLICABLE CODES:**

The following codes and standard apply to this permit:

- *International Fire Code (IFC), 2024 edition*
- *Clark County Fire Code Amendments, (CCFC) 2024 edition*

**Per CCFC 503.4.1 Traffic calming devices shall be prohibited unless approved by the fire code official.**

### **Exceptions:**

- 1. Speed humps are allowed on private fire apparatus roads serving commercial and industrial buildings when approved by the fire code official. The location(s), the number permitted, and the design of the speed hump(s) shall meet the approval of the fire code official.**
- 2. Rumble strips are allowed on any private fire apparatus road serving residential, commercial and industrial buildings when approved by the fire code official. A rumble strip must be no higher than  $\frac{3}{4}$  inch at the highest elevation above the roadway, and a maximum of eight feet in length, as measured along the direction of vehicle travel.**

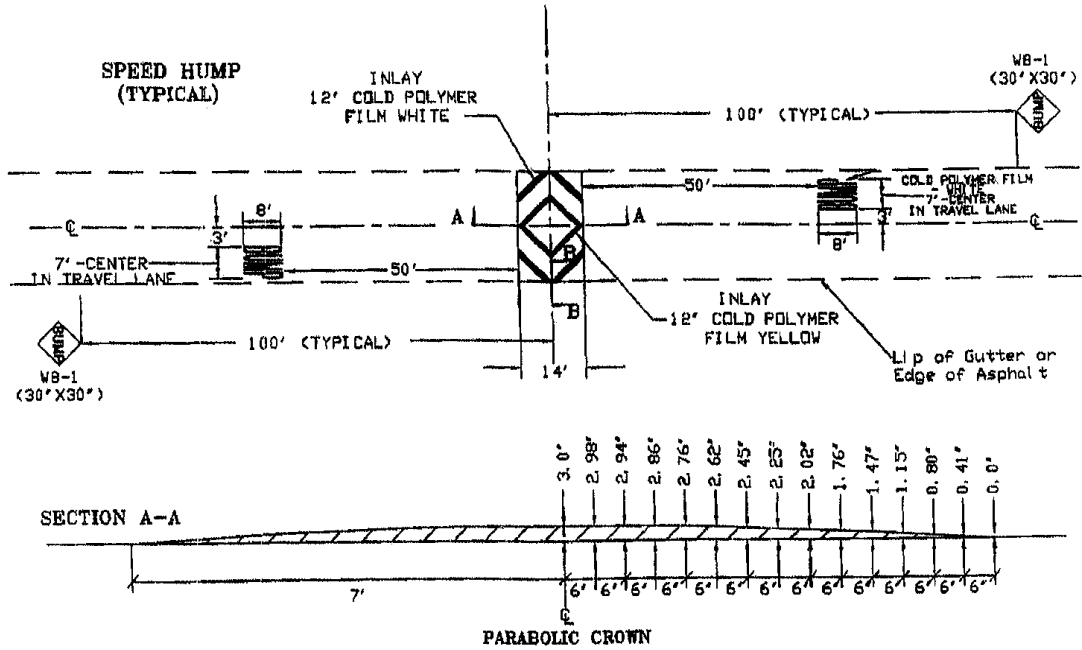
**The fire code official is authorized to require the removal from any private property of any existing traffic management or calming device, including speed bumps that do not meet the applicable criteria, and has been determined by the fire code official to unnecessarily hinder emergency apparatus response.**

Examples of speed humps and rumble strips are given on the last page of this guide.

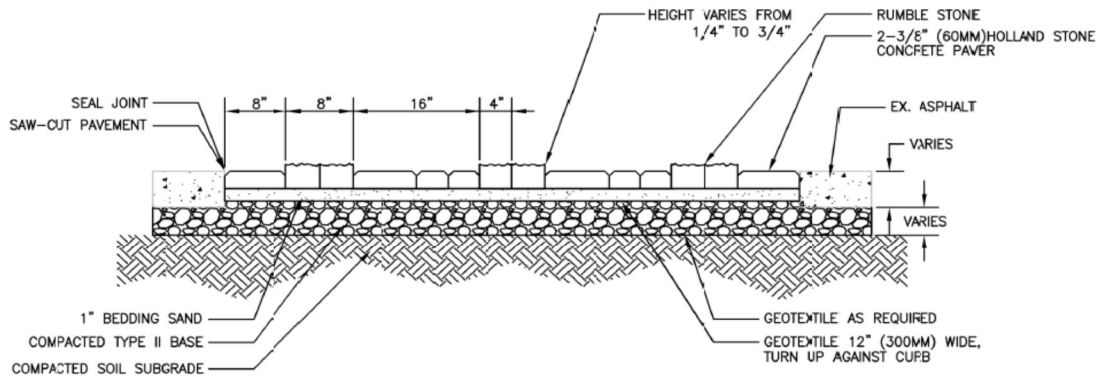
### **SUBMITTAL REQUIREMENTS:**

Provide a diagram that is either drawn to scale or shows dimensions of the fire access lane and the proposed location(s) of the traffic calming device(s). State speed hump or rumble strip.

## EXAMPLE SPEED HUMP AND RUMBLE STRIP:



### CLARK COUNTY FIRE DEPARTMENT SPEED HUMP EXAMPLE



**NOTES:**

1. LOW PROFILE TRAFFIC CALMING DEVICE DESIGNED TO REDUCE EXCESSIVE SPEEDS AND NOTIFY DRIVERS OF IMPENDING CHANGES IN TRAFFIC CONDITIONS SUCH AS STOP SIGNS, INTERSECTIONS, OR CROSSWALKS.
2. BASE THICKNESS DETERMINED BY THICKNESS OF EXISTING ASPHALT ALONG WITH TRAFFIC, CLIMATE, AND SUB-GRADE CONDITIONS.
3. THIS DETAIL IS NOT RECOMMENDED FOR OTHER THAN LOW VOLUME RESIDENTIAL STREETS WITH A POSTED SPEED LIMIT OF 25 MPH OR LESS.